

**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Masakazu NISHIKAWA, et al.

Appln. No.: NOT YET ASSIGNED

Confirmation No.: NOT YET ASSIGNED

Group Art Unit: NOT YET ASSIGNED

Filed: December 21, 2001

Examiner: NOT YET ASSIGNED

For: INFORMATION RECORDING MEDIUM, INFORMATION RECORDING AND  
REPRODUCING METHOD AND MANUFACTURING METHOD OF INFORMATION  
RECORDING MEDIUM

**PRELIMINARY AMENDMENT**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Prior to examination, please amend the above-identified application as follows:

**IN THE CLAIMS:**

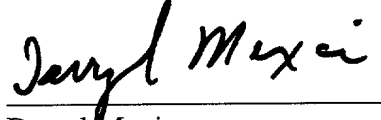
**Please enter the following amended claims:**

31. (Amended) A method for recording and reproducing for an information recording medium according to claim 30, wherein the predetermined direction of the magnetic field is perpendicular to the surface of the disk.

REMARKS

Entry and consideration of this Amendment is respectfully requested.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Darryl Mexic", written over a horizontal line.

Darryl Mexic  
Registration No. 23,063

SUGHRUE MION, PLLC  
2100 Pennsylvania Avenue, N.W.  
Washington, D.C. 20037-3213  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860  
DM/ob  
Date: December 21, 2001

1002247-23063001

**APPENDIX**

**VERSION WITH MARKINGS TO SHOW CHANGES MADE**

**IN THE CLAIMS:**

**The claims are amended as follows:**

31. (Amended) A method for recording and reproducing for an information recording medium according to claim ~~31~~ 30, wherein the predetermined direction of the magnetic field is perpendicular to the surface of the disk.

NOT RECORDED